

IN THE CLAIMS

A listing of the claims follows for reference:

Claim 1 (Previously Presented): A transparent substrate coated with a stack of layers consisting essentially of, in succession starting from the transparent substrate:

- a) a first layer of dielectric material;
- b) a first absorbent layer;
- c) a first infrared reflective layer;
- d) optionally a sacrificial barrier layer;
- e) an intermediate layer;
- f) optionally a metal layer;
- g) a last infrared reflective layer;
- h) a last absorbent layer;
- i) optionally a sacrificial barrier layer; and
- j) a last layer of dielectric material;

wherein when the transparent substrate is a 6 mm clear soda-lime glass, a light absorption value of the coated transparent substrate is between 35 and 67%, a colorimetric index  $a^*$  of a reflected colour, with respect to the clear soda-lime glass, is between 0 and -10, and a colorimetric index  $b^*$  of a reflected colour, with respect to the clear soda-lime glass is between 0 and -20, and

wherein the absorbent layers comprise a material selected from the group consisting of titanium, zirconium, stainless steel, niobium, zinc, nickel, an alloy of these metals and nitrides thereof.

Claims 2-17 (Canceled).

Claim 18 (Previously Presented): The transparent coated substrate according to claim 1, wherein the transparent coated substrate comprises at least one feature selected from the group consisting of (A), (B), (C) and (D):

(A) at least one sacrificial layer disposed between an infrared reflective layer and a following layer of dielectric material;

(B) the dielectric layers comprise one or more compounds selected from the group consisting of aluminium oxide ( $\text{AlO}_x$ ), aluminium nitride ( $\text{AlN}_x$ ), aluminium oxynitride ( $\text{AlN}_x\text{O}_y$ ), magnesium oxide ( $\text{MgO}_x$ ), niobium oxide ( $\text{NbO}_x$ ), silicon dioxide ( $\text{SiO}_x$ ), silicon nitride ( $\text{SiN}_x$ ), titanium dioxide ( $\text{TiO}_x$ ), bismuth oxide ( $\text{BiO}_x$ ), yttrium oxide ( $\text{YO}_x$ ), tin oxide ( $\text{SnO}_x$ ), tantalum oxide ( $\text{TaO}_x$ ), zinc oxide ( $\text{ZnO}_x$ ), zirconium oxide ( $\text{ZrO}_x$ ), zinc stannate ( $\text{ZnSn}_x\text{O}_y$ ) and zinc sulphide ( $\text{ZnS}_x$ );

(C) at least one infrared reflective layer comprises silver or an alloy of silver with other metals; and

(D) the absorbent layers comprise a material having a spectral absorption index at a wavelength of 580 nm ( $k_{580}$ ) higher than 0.8.

Claim 19 (Previously Presented): The transparent coated substrate according to claim 18, which comprises at least two of the features (A) through (D).

Claim 20 (Previously Presented): The transparent coated substrate according to claim 18 which comprises at least three of the features (A) through (D).

Claim 21 (Previously Presented): The transparent coated substrate according to claim 18, which comprises all of the features (A) through (D).

Claim 22 (Previously Presented): The transparent coated substrate according to claim 1, wherein the coated transparent substrate comprises at least one feature selected from the group consisting of (E), (F), (G) and (H):

(E) a light transmission of the coated transparent substrate, is between 25 and 60%,

(F) a light reflection with respect to a coated layer side ( $LR_c$ ) of the coated transparent substrate is less than 30%,

(G) a light reflection with respect to a non coated side ( $LR_v$ ) of the coated transparent substrate is lower than 30%,

(H) a total thickness of the infrared reflective layers is greater than 10 nm.

Claim 23 (Previously Presented): The transparent coated substrate according to claim 22 which comprises at least two of the features (E) through (H).

Claim 24 (Previously Presented): The transparent coated substrate according to claim 22 which comprises at least three of the features (E) through (H).

Claim 25 (Previously Presented): The transparent coated substrate according to claim 22 which comprises all of the features (E) through (H).

Claim 26 (Previously Presented): The transparent coated substrate according to claim 1, wherein the colorimetric index  $a^*$  is between -1 and -8; and the colorimetric index  $b^*$  is between -1 and -15.

Claim 27 (Canceled).

Claim 28 (Previously Presented): The transparent coated substrate according to claim 1, wherein the intermediate layer comprises a sequence of layers as follows:

- a) a first dielectric layer,
- b) an infrared reflective layer, and
- c) a second layer of dielectric material.

Claim 29 (Previously Presented): A glazing comprising the coated transparent substrate according to claim 1, wherein a solar factor of the glazing is less than 35%.

Claim 30 (Previously Presented): The glazing according to claim 29 which has a selectivity (LT/SF) higher than 1.3.

Claim 31 (Previously Presented): The glazing according to claim 29, wherein a colorimetric index  $a^*$  of reflected colour with respect to an outside is between 0 and -10, and

a colorimetric index  $b^*$  of reflected colour with respect to the outside is between 0 and -20.

Claim 32 (Previously Presented): The glazing according to claim 29, wherein a light transmission is between 30 and 55%,  
a light reflection, with respect to the non coated side, is between 8 and 25%,  
a colorimetric index  $a^*$  with respect to the non coated side, is between 0 and -8 and  
a colorimetric index  $b^*$  with respect to the non coated side, is between 0 and -20.

Claim 33 (Previously Presented): The transparent coated substrate according to claim 1, wherein the last infrared reflective layer is in direct contact with the last absorbent layer.

Claim 34 (Previously Presented): The transparent coated substrate according to claim 1, wherein the light absorption value of the transparent coated substrate is between 39 and 55%, the colorimetric index  $a^*$  of reflected colour is between -1 and -8, and the colorimetric index  $b^*$  of reflected color is between -1 and -10.

Claim 35 (Previously Presented): The transparent coated substrate according to claim 22, wherein the transparent substrate comprises at least one feature selected from the group consisting of (E), (F), (G) and (H):

(E) a light transmission of the coated transparent substrate, is between 30 and 55%,

(F) a light reflection with respect to the coated layer side ( $LR_c$ ) of the coated transparent substrate is between 10 and 20%,

(G) a light reflection with respect to the non coated side ( $LR_v$ ) of the coated transparent substrate is between 10 and 18%,

(H) a total thickness of the infrared reflective layers is between 18 and 35 nm.

Claim 36 (Previously Presented): The transparent coated substrate according to claim 1, wherein the first absorbent layer has a thickness of between 4 and 12 nm.

Claim 37 (Previously Presented): The transparent coated substrate according to claim 1, wherein the last absorbent layer has a thickness of between 3 nm and 5.5 nm.

Claim 38 (Previously Presented): A transparent substrate coated with a stack of layers consisting essentially of, in succession starting from the transparent substrate:

- a) a first layer of dielectric material;
- b) a first absorbent layer;
- c) a first infrared reflective layer;
- d) optionally a sacrificial barrier layer;
- e) an intermediate layer;
- f) optionally a metal layer;
- g) a last infrared reflective layer;
- h) a last absorbent layer;
- i) optionally a sacrificial barrier layer; and
- j) a last layer of dielectric material;

wherein the absorbent layers comprise a material selected from the group consisting of titanium, zirconium, stainless steel, niobium, zinc, nickel, an alloy of these metals and nitrides thereof.

Claim 39 (Previously Presented): The transparent coated substrate according to claim 38, wherein the last absorbent layer has a thickness of between 3 nm and 5.5 nm.

Claim 40 (Previously Presented): The transparent coated substrate according to claim 39, wherein when the transparent substrate is a 6 mm clear soda-lime glass, a light absorption value of the coated transparent substrate is between 35 and 67%, a colorimetric index  $a^*$  of a reflected colour, with respect to the clear soda-lime glass, is between 0 and -10, and a

colorimetric index  $b^*$  of a reflected colour, with respect to the clear soda-lime glass is between 0 and -20.

Claim 41 (Previously Presented): The transparent coated substrate according to claim 39, wherein the first absorbent layer has a thickness of between 4 and 12 nm.

Claim 42 (Previously Presented): The transparent coated substrate according to claim 39, wherein

a light transmission of the coated transparent substrate is between 30 and 55%, and the transparent substrate comprises at least one feature selected from the group consisting of (F), (G) and (H):

(F) a light reflection with respect to the coated layer side ( $LR_c$ ) of the coated transparent substrate is between 10 and 20%,

(G) a light reflection with respect to the non coated side ( $LR_v$ ) of the coated transparent substrate is between 10 and 18%,

(H) a total thickness of the infrared reflective layers is between 18 and 35 nm.